

APRIL/MAY 2024

DCS32/GCS32 — XML AND WEB SERVICES

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define SAX.
2. What do you mean by XSL?
3. Write the syntax in JSON.
4. How do you declare a JSON schema? Example.
5. Mention the limitation of DCOM.
6. What are the applications used in web services?
7. Define the message structure of SOAP.
8. Define UDDI.
9. What is ROSETTANET?
10. Differentiate XML and ebXML.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Explain what is the role of XML development.

Or

- (b) Give short notes on voice XML.

12. (a) Describe about the type keyword in JSON.

Or

- (b) Write short notes on regular expression in JSON schema.

13. (a) Explain about CORBA.

Or

- (b) Discuss on the deployment architectural view from application servers to peer - to -peer.

14. (a) Draw the block diagram of WSDL document structure.

Or

- (b) What are all the environments that supporting SOAP?

15. (a) Write short notes on XML E-business.

Or

- (b) Explain the role of XML in web content management.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. How to create an XML schema? Explain.

17. Discuss on data types and objects in JSON.

18. Explain and detail about the service oriented architecture with block diagram.

19. Explain the universal description, discovery and integration (UDDI) in detail.

20. Elaborate on components of content management system.